

**DART**

DESIGN <i>#</i>	DRAWN BY <i>RF</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>SA</i>	DRAWING NO. DSI 9221	REV. A SHEET 1 OF 2
DATE 01.11.13		TITLE REDUNDANT LATCH KIT	SCALE NTS
A	01.11.13	NEW ISSUE	

## DART SERVICE INSTRUCTION

TO AMEND ICA-D350-600 REV. 0 OR REV. 1 OR D350-600 REV. A OR REV. B

REF. CANADIAN STC: SH93-88  
 US FAA STC: SR00098NY  
 SR00099NY

### INTRODUCTION

IT HAS COME TO DART'S ATTENTION THAT DUE TO INATTENTIVENESS, THERE IS A POSSIBILITY THAT THE D2586 LATCHES ON THE D350-600-041/-042/-043 SPACEPODS CAN BE LEFT HANGING SLIGHTLY OPEN WHEN THE DOORS ARE CLOSED. THE PURPOSE OF THIS SERVICE INSTRUCTION IS TO GIVE CUSTOMERS THE OPTION OF INSTALLING A REDUNDANT LATCH ON THE FWD SIDE OF THE POD TO PROVIDE ADDITIONAL SAFETY DURING FLIGHT.  
 IT IS RECOMMENDED THAT FOR MAXIMUM SAFETY, THE LATCHES BE LOCKED PRIOR TO FLIGHT AND THAT THE CARGO RESTRAINT SYSTEM BE RE-INSTALLED PER SECTION 25.4 OF ICA-D350-600.

### PART LIST

Qty -011	Part Number	Description
X	DSI 9221-011	LATCH KIT
1	D2237	STRIKER PLATE
1	D2585	MOUNTING CHANNEL
1	D2586	LATCH
1	D2621	LATCH PLATE
1	AN960JD10	WASHER
2	MS20426AD4-5	RIVET
1	MS21042L3	NUT (OR MS21042-3)
1	MS27039-1-18	SCREW

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED <i>Rey</i> BY: <i>Rey</i> D. SHEPHERD (DE # 02)	
DATE:	NOV. 13 2001
CERT. NO.:	SH93-88
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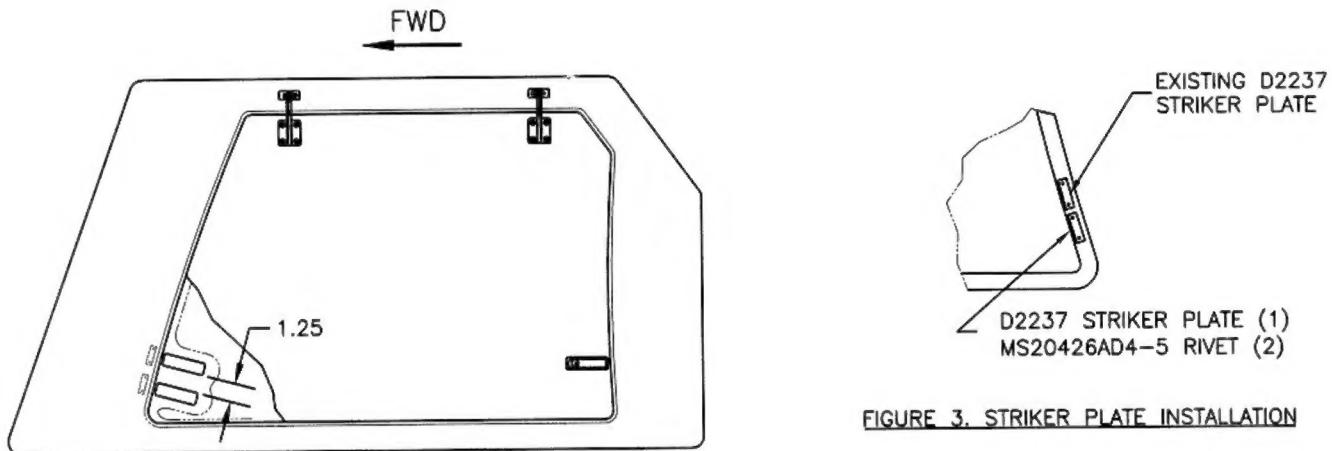
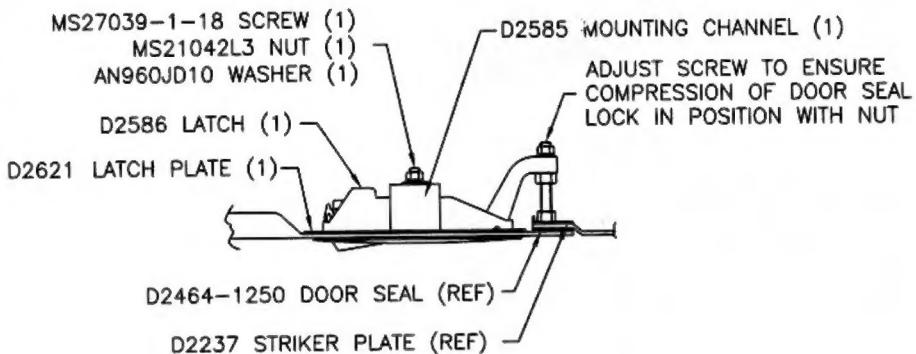
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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. DSI 9221	REV. A SHEET 2 OF 2
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INSTALLATION PROCEDURE

1. REMOVE SPACEPOD DOOR.
2. LOCATE AND MAKE LATCH CUTOUT AS SHOWN IN FIGURE 1 USING D2621 LATCH PLATE AS A TEMPLATE. TRIM TO FIT D2586 LATCH.
3. USING D2621 LATCH PLATE AS A TEMPLATE, CUT AWAY SKIN AND CORE THAT WILL INTERFERE WITH LATCH PLATE. LAY-UP 2 LAYERS OF 9oz CLOTH SIMILAR TO QSI 037 SECTION 9.6. LET CURE AND TOUCH UP FINISH.
4. INSTALL D2621 LATCH PLATE USING A 5 MINUTE EPOXY OR A POTTING COMPOUND FROM QSI 037 SECTION 7.2. LET CURE.
5. INSTALL D2586 LATCH AND ASSOCIATED HARDWARE IN ACCORDANCE WITH FIGURE 2.
6. INSTALL D2237 STRIKER PLATE IN ACCORDANCE WITH FIGURE 3.
7. RE-INSTALL SPACEPOD DOOR.
8. ADJUST LATCH SCREW AS SHOWN IN FIGURE 2 TO ENSURE COMPRESSION OF DOOR SEAL. LOCK IN POSITION WITH NUT.

FIGURE 3. STRIKER PLATE INSTALLATIONFIGURE 1. ADDITIONAL LATCH CUTOUT  
D350-600-045 SHOWN  
(D350-600-046 SIMILAR & OPPOSITE)FIGURE 2. TYPICAL LATCH INSTALLATION

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